

MATERIAL SAFETY DATA SHEET

MSDS# 213230

BIGELOIL®**W. F. YOUNG, INC.**

302 Benton Drive

East Longmeadow, MA 01028

Non-Emergency Telephone:

MA (413) 526-9999

SECTION 1: CHEMICAL PRODUCT IDENTIFICATION

PRODUCT NAME: Bigeloil**PRODUCT DESCRIPTION:** Clear yellow liquid**MEDICAL EMERGENCY TELEPHONE (Poison Center): (303) 623-5716****TRANSPORTATION EMERGENCY TELEPHONE (Chemtrec): 1-800-424-9300**

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS (Typical Values)

HAZARDOUS INGREDIENTS	CAS NO.	WT.%	ACGIH(TLV)	OSHA(PEL)
Ethyl Alcohol	64-17-5	75%	1000 ppm (8hr)	

OTHER IMPORTANT INGREDIENTS

Thymol, Methyl Salicylate, Capsicum Tincture, Salicylic Acid, Menthol

SECTION 3: HAZARDS IDENTIFICATION

Signs and Symptoms of Exposure

Prolonged exposure to excessive concentrations may result in irritation of mucous membranes, headaches, drowsiness, fatigue, and narcosis.

Routes of Entry: Inhalation?

Skin?

Ingestion?

Yes

Yes

Yes

Health Hazards (Acute and Chronic) The Health effects noted below are consistent with requirements under OSHA Hazard Communication Standard (29 CFR 1910.1200).

EYE CONTACT:

Liquid is moderately irritating to the eyes

SKIN CONTACT:

Not a primary irritant. (FHSLA)

No significant signs or symptoms indicative of any health hazard are expected to occur as a result of skin exposure.

INGESTION:

May produce gastrointestinal irritation in large quantities.

Carcinogenicity:

NTP? No

IARC Monograph? No

OSHA Monograph? No

Medical Conditions Generally Aggravated by Exposure:

Pre-existing skin disorders may be aggravated by exposure.

SECTION 4: EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT:

Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open. Get medical attention, if needed.

SKIN CONTACT:

If irritation occurs, flush skin with water. If irritation persists, get medical attention.

INHALATION:

Remove victim to fresh air, treat symptomatically. Get medical attention if symptoms persist.

INGESTION:

Contact a physician or Poison Control Center.

SECTION 5: FIRE FIGHTING MEASURES

Flash Point (Method Used)	Flammable Limits	LEL	UEL
58°F	N/E	N/E	N/E

Extinguishing Media

Foam, Carbon Dioxide, Dry chemical and Water fog.

Special Fire Fighting Procedures

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Water spray can be used to reduce intensity of flames and to dilute spills to nonflammable mixture.

Unusual Fire and Explosion Hazards

Do not use a direct stream of water. Material may float and reignite.

SECTION 6: ACCIDENTAL RELEASE MEASURES & DISPOSAL

Spill Control Methods

Avoid eye or skin contact. Contain spill to minimize contaminated area and facilitate salvage or disposal. To clean up spill, flush area sparingly with water or use an absorbent. Avoid runoff into storm sewers and ditches which lead to natural waterways. All clean-up and disposal should be carried out in accordance with Federal, State, and Local Regulations. If required, state and local authorities should be notified.

Waste Disposal Methods

Landfill solids at permitted sites. Preferred method is incineration or biological treatment in federal/state approved facility.

SECTION 7: HANDLING & STORAGE

Precautions To Be Taken In Handling & Storing

Store away from oxidizing agents.

Other Precautions

Do not store or consume food, drink, or tobacco in area where they may become contaminated with this material.

SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

Respirator Protection

None likely to be needed.

Ventilation

None likely to be needed.

Skin and Eye Protection:

Avoid contact with eyes.

Other Protective Clothing or Equipment:

Eye wash; safety showers; wash after handling.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: Not Established
 MELTING POINT: Not Applicable
 VAPOR PRESSURE: Not Applicable
 VAPOR DENSITY (AIR=1): Not Applicable
 EVAPORATION RATE: (butyl acetate = 1)
 VOLATILE FRACTION BY WEIGHT: 75%
 SOLUBILITY IN WATER (By weight %): Soluble
 SPECIFIC GRAVITY (H₂O=1) @ 25 C: 0.86-0.88
 pH:
 APPEARANCE: Yellow clear liquid
 ODOR: Pine

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable
Incompatibility (Materials to avoid): Avoid heat, sparks, flame. Oxidizing materials can cause a vigorous reaction.
Hazardous Decomposition or By-Products: Carbon dioxide and carbon monoxide
Hazardous Polymerization: Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

Oral LD50:
Dermal LD50:
Inhalation LC50:
Eye effects:
Skin effects:

SECTION 12: ECOLOGICAL INFORMATION

Avoid runoff into storm sewers and ditches which lead to natural waterways.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal: Preferred method is incineration or biological treatment in federal/state approved facility.

SECTION 14: TRANSPORTATION INFORMATION

DOT, IMO, ICAO, Transport Canada

	<u>North America</u>	<u>North America & Ocean > 32 oz.</u>	<u>Overseas by ocean <= 32 oz.</u>
HAZARD CLASS:	ORM-D	3	3
PROPER SHIPPING NAME:	Consumer Commodity	ETHYL ALCOHOL SOLUTION	Ethyl Alcohol solution in limited quantities, Class 3, PG II
UN NUMBER:	None	UN1170	UN1170
LABEL:	None	Flammable Liquids	Dangerous goods in limited quantities, Class 3, PGII
PACKING GROUP:		II	II
PLACARD:		Over 1000# Flammable Liquid3	
FLASH POINT:	58°F (14.5°C)	58°F (14.5°C)	58°F (14.5°C)

NFPA

HEALTH..... 0
FLAMMABILITY..... 3
REACTIVITY..... 0

SPECIAL..... None
4=Extreme 3=High 2=Moderate 1=Slight 0=Insignificant

SECTION 15: REGULATORY INFORMATIONU.S. FEDERAL REGULATION**OSHA:** Subpart Z**TSCA:** EPA, Section 2**CERCLA HAZARDOUS SUBSTANCE (40 CFR 302):****SARA Title III:****SARA Hazard Categories:****TURA 3B:**

CHEMICAL SUBSTANCE	CAS NO.	CONCENTRATION % WT.
<i>Ethyl Alcohol</i>	64-17-5	75%
LISTED UNDER THE FOLLOWING: FEDERAL REGULATIONS; STATE REGULATIONS; INTERNATIONAL REGULATIONS		

SECTION 16: OTHER INFORMATION

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